

Converting Colors

YIQ(212.2190, -49.1490,
-6.8530)

Have a look what the booklet for
YIQ(212.2190, -49.1490, -6.8530)
contains.

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Color

**YIQ(212.2190, -49.1490,
-6.8530)**

Conversions

Conversions Part 1

Format	Color
Hex	A1E6FF
RGB	161, 230, 255
RGB Percent	63%, 90%, 100%
CMY	0.3688, 0.0979, 0.0002
CMYK	0.37, 0.10, 0.00, 0.00
HSL	196°, 100%, 82%
HSV	196°, 37%, 100%
XYZ	61.0364, 71.3994, 105.1261
YIQ	212.2190, -49.1490, -6.8530

Conversions

Conversions Part 2

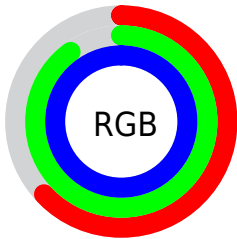
Format	Color
<code>RYB</code>	<code>161, 201, 255</code>
Decimal	<code>10610431</code>
CIELab	<code>87.68, -15.52, -18.92</code>
CIELCh	<code>88, 24.467, 230.637</code>
Yxy	<code>71.3994, 0.2569, 0.3006</code>
Android (<code>android.graphics.Color</code>)	<code>4288800511 (0xFFA1E6FF)</code>
YUV	<code>212.2190, 21.0910, -44.9191</code>
Hunter-Lab	<code>84.4982, -18.9341, -14.6153</code>

Details

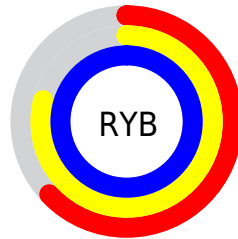
The YIQ color $212.2190, -49.1490, -6.8530$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $203.7810, 49.1490, 6.8530$, and the grayscale version is $212.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $243.9370, -22.0520, -7.8440$, and $156.1050, -48.8280, -7.1640$ is the 20% darker color. If you saturate the color by 10%, you get $200.3360, -62.7200, -8.7040$, and if you desaturate by 10%, it is $223.8030, -36.1740, -5.2140$.

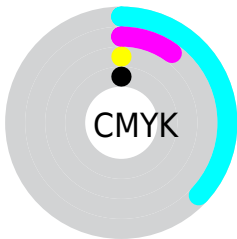
Distribution



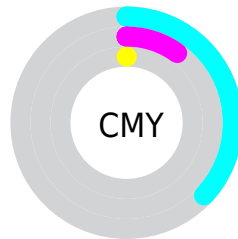
- Red (63%)
- Green (90%)
- Blue (100%)



- Red (63%)
- Yellow (79%)
- Blue (100%)



- Cyan (37%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)



- Cyan (37%)
- Magenta (10%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 212.2190, -49.1490, -6.8530 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 212.2190, -49.1490, -6.8530 by changing the saturation by 10% instead.

212.2190,
-49.1490, -6.8530

212.2190,
-49.1490, -6.8530

255.0000, -0.0000,
-0.0000

184.1050,
-48.8280, -7.1640

243.9370,
-22.0520, -7.8440

156.1050,
-48.8280, -7.1640

252.9070, -4.1720,
-1.4840

129.3930,
-49.6990, -7.8990

102.0830,
-51.7620, -9.0580

72.0000, -61.8940,
-12.6620

53.5670, -50.2490,
-8.9450

37.3300, -36.2200,

-4.3800

■ 23.0820, -23.6580,
-0.7620

■ 3.6650, -8.9420,
7.8740

■ 212.2190,
-49.1490, -6.8530

■ 212.2190,
-49.1490, -6.8530

■ 200.3360,
-62.7200, -8.7040

■ 223.8030,
-36.1740, -5.2140

■ 189.3390,
-75.9700, -10.8660

■ 235.6860,
-22.6030, -3.3630

■ 177.4560,
-89.5410, -12.7170

■ 246.6830, -9.3530,
-1.2010

■ 165.8720,
-102.5160, -14.3560

■ 255.0000, -0.0000,
-0.0000

■ 153.9890,
-116.0870, -16.2070

■ 142.4050,
-129.0620, -17.8460

■ 138.8390,
-133.2800, -18.4960

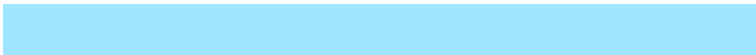
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



210.2050, -46.5340, -15.7020



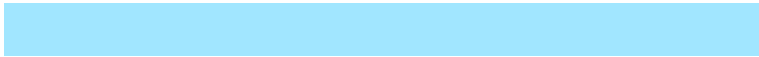
212.2190, -49.1490, -6.8530



215.5740, -33.7910, 1.1610

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



212.2190, -49.1490, -6.8530



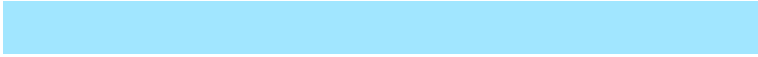
221.9850, 22.6920, 18.2760



217.0440, 13.8950, -15.0410

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



212.2190, -49.1490, -6.8530



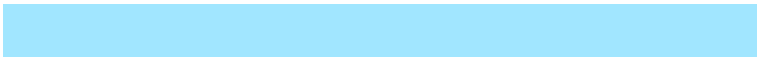
203.7810, 49.1490, 6.8530

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



219.8830, 30.7660, -6.9140



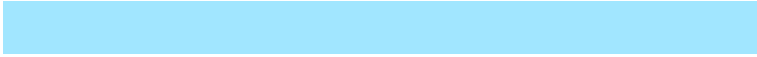
212.2190, -49.1490, -6.8530



219.2490, 30.3960, 10.8120

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



212.2190, -49.1490, -6.8530



223.8400, 7.1030, 19.9590



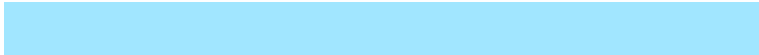
219.4310, 35.3950, 2.8110



214.0890, -8.3410, -19.5490

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



212.2190, -49.1490, -6.8530



218.6190, -20.4960, 8.0160



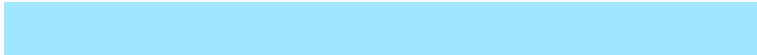
219.4310, 35.3950, 2.8110



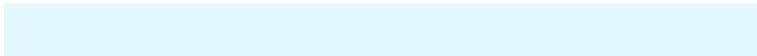
218.0340, 19.8550, -12.9210

Sweetspot

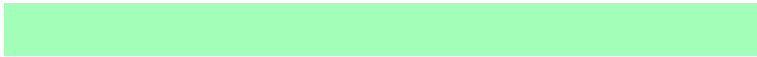
The Sweet Spot groups the original color and five complimentary colors.



212.2190, -49.1490, -6.8530



242.5190, -14.7630, -2.2750



218.8000, -33.2330, -42.0090



119.9820, -8.7570, -0.9890



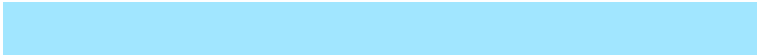
0.0000, 0.0000, 0.0000



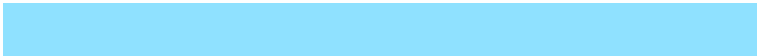
128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



212.2190, -49.1490, -6.8530



203.9020, -58.5020, -8.0540



185.2170, -36.4990, 17.2050



121.7650, -6.6480, -0.6640



104.5410, -100.0860, -14.3420



34.8850, -33.4690, -4.6770

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



196.9720, 33.8750, 41.3870



185.8360, 40.4300, 49.2460



230.1960, 36.7740, -16.6820



119.9130, 4.8590, 5.5550



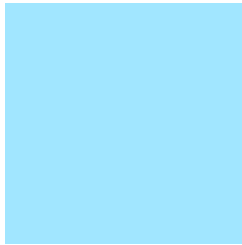
73.1830, 68.5750, 84.3430



24.4940, 23.0570, 28.1850

Previews

White Background



This preview shows how the YIQ color 212.2190, -49.1490, -6.8530 looks on a white background.

Color Contrast Check

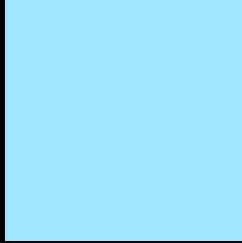
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 212.2190, -49.1490, -6.8530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

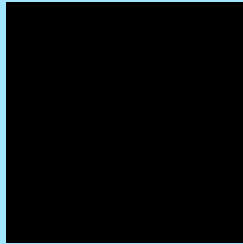
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 212.2190, -49.1490, -6.8530

Background



This preview shows how black text looks on a background with the YIQ color 212.2190, -49.1490, -6.8530.



This preview shows how white text looks on a background with the YIQ color 212.2190, -49.1490, -6.8530.

-6.8530.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

212.2190, -49.1490, -6.8530

Protanopia

219.8220, -10.8220, 8.9060

Deuteranopia

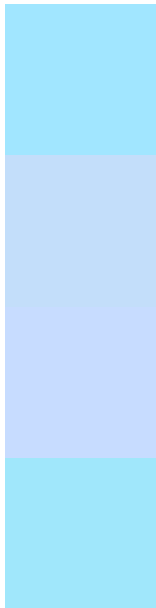
220.7670, -8.9890, 14.2350



Tritanopia

211.8230, -48.0940, -9.4540

Trichromacy



Original Color

212.2190, -49.1490, -6.8530

Protanomaly

217.1190, -25.0800, 2.9840

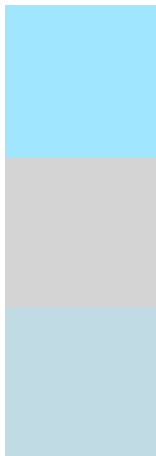
Deuteranomaly

217.7110, -23.7510, 6.4330

Tritanomaly

212.0510, -48.7360, -8.8320

Monochromacy



Original Color

212.2190, -49.1490, -6.8530

Achromatopsia

212.0000, -0.0000, -0.0000

Achromatomaly

212.2520, -18.3850, -2.7130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 212.2190, -49.1490, -6.8530 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(161, 230, 255)` looks like.

```
.text, #text, p{  
    color:rgb(161, 230, 255)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(161, 230, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 230, 255) }
```

Border

The CSS property to change the border of an element to YIQ 212.2190, -49.1490, -6.8530 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(161, 230, 255) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(161, 230, 255) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(161, 230, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 230, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 230, 255);  
box-shadow:4px 4px 4px 4px rgb(161, 230,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 212.2190, -49.1490, -6.8530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 230, 255) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(161,  
230, 255) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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